

ICOM
\$319.95

IC-4GA/GAT

UHF FM TRANSCEIVER



QUALITY AND ECONOMY IN A HIGH-TECH HANDY

IC-4GA and IC-4GAT are ICOM's newest 430/440MHz FM handheld transceivers. Compact and easy-to-operate, these transceivers are sturdily built to withstand daily use in rugged environments.

6W OUTPUT POWER

Using a custom-designed power module as the final amplifier, both transceivers output 6W (with IC-BP7 or BP-70 BATTERY PACKS) — the highest output power on the 430/440MHz handheld market.

SAVE BATTERY POWER WITH THE BUILT-IN POWER SAVER

After receiving for 30sec., the power saver is automatically switched on, keeping battery drain to only 12mA.



IC-4GA

IC-4GAT

20 MEMORY CHANNELS FOR YOUR CONVENIENCE

Each of the 20 memory channels stores an operating frequency, a tone frequency, a repeater offset frequency and the offset direction, and the tone squelch frequency (when UT-40 is installed).

DIGITAL TOUCHSTEP TUNING

Using the **Touchstep** switches on the top panel, the displayed frequency can be tuned up or down at the 1MHz, 100kHz and 10kHz digits. QS in seconds!

BOTH PROGRAMMED AND MEMORY SCANS!

The programmed scan scans all frequencies between 2 programmable scan edge frequencies. The memory scan scans all memory channels in succession, except those you choose to skip.

PROGRAMMABLE CALL CHANNEL

Bring up the CALL CHANNEL in an instant. Program this channel with a frequency you often use. The CALL CHANNEL also memorizes a repeater offset frequency, the offset direction and a tone frequency. Easy access to your most often used repeater frequency.

POCKET BEEP — NEVER MISS A SKED!

When the UT-40 TONE SQUELCH UNIT (sold separately) is installed, IC-4GA and IC-4GAT function as pagers. When the frequency of a received tone equals the tone frequency you've set, a 30sec. alarm is emitted over the speaker. Never miss a sked!

MONITOR THE REPEATER INPUT FREQUENCY INSTANTLY

Push the MONITOR switch on the front panel to open the squelch and check the frequency. Check the input (transmit) frequency when working a repeater.

BRIGHT, EASY-TO-READ FUNCTION DISPLAY

A touch of a switch illuminates the liquid crystal display for 5sec. It automatically turns off — and you save battery power.

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SPLASH RESISTANT: GREAT FOR OUTDOOR AND EMERGENCY COMMUNICATIONS

Rubber gaskets ensure that water splashed on the transceiver does not penetrate the casing.

A LARGE VARIETY OF BATTERY PACKS FROM WHICH TO CHOOSE (optional)

	IC-BP2	IC-BP3	IC-BP5 IC-BP5A	IC-BP7	IC-BP8	BP-70
Capacity (mAh)	425	270	425	425	800	270
Voltage (V)	7.2	8.4	10.8	13.2	8.4	13.2
Operation times (hrs.)	3.5	1.8	2.2	2.3	5.2	1.4
Height (mm)	39	39	BP5 56 BP5A 80	80	80	60.5

Stated operation times are approximate, and conform to the following ratio:

TRANSMIT : RECEIVE : STANDBY
1 min. : 1 min. : 8 min.

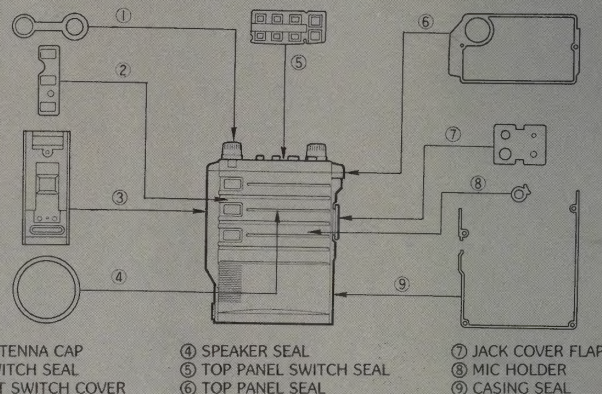
SPECIFICATIONS

GENERAL

- Frequency coverage : IC-4GAT (U.S.A. version) 440.000~450.000MHz
IC-4GAT (S.E. Asia version) 440.000~450.000MHz
IC-4GA 430.000~440.000MHz
- Mode : F3 (FM)
- Tuning step increment : 5, 10, 15, 20 or 25kHz
- Memory channels : 20 and CALL channel
- Antenna impedance : 50Ω unbalanced
- Power supply requirement : 5.5~16.0V DC negative ground
- Current drain (at 13.2V DC) : Receive Max. audio output 250mA
Power saved typical 12mA
Transmit HIGH 2.3A
LOW 1.2A
- Usable temperature range : -10°C~+60°C
- Dimensions : IC-4GAT (U.S.A. version) with BP-70 65(W) × 151(H) × 35(D)mm
IC-4GAT (S.E. Asia version) with IC-BP4 65(W) × 140(H) × 35(D)mm
IC-4GA with IC-BP3 65(W) × 130(H) × 35(D)mm
- Weight : IC-4GAT (U.S.A. version) with BP-70 500g
IC-4GAT (S.E. Asia version) with IC-BP4 450g
IC-4GA with IC-BP3 430g

SPLASH-RESISTANT CONSTRUCTION

All switches and casings are sealed with rubber.



TRANSMITTER

- Output power (at 13.2V DC) : HIGH 6W
LOW 1W
- Modulation system : Variable reactance frequency modulation
- Max. frequency deviation : ±5kHz
- Spurious emissions : Less than -60dB
- Microphone impedance : 2kΩ

RECEIVER

- Receiver system : Double-conversion superheterodyne
- Intermediate frequencies : 1st 23.15MHz
2nd 455kHz
- Sensitivity : Less than 0.25μV for 12dB SINAD
- Spurious response rejection : Less than -60dB
- Audio output power : More than 400mW at 10% distortion with an 8Ω load.
- Audio output impedance : 8Ω

All stated specifications are approximate and subject to change without notice or obligation.

OPTIONS

- AD-12** EXTERNAL POWER ADAPTER
Allows you to use a 13.8V DC external power source.
- BC-16U/E, BC-17, BC-18, BC-25U/E, BC-26E, BC-27** WALL CHARGERS
Fully charges all battery packs used with IC-4GA and IC-4GAT.
- BC-35, BC-36** AC BATTERY CHARGERS
Desk top chargers.
- CP-10** BATTERY SEPARATION CABLE
For separating the handheld from the battery pack.
- HS-10** HEADSET
Combination headphones and microphone.
- HS-10A** VOX UNIT
VOX unit for the HS-10 HEADSET.
- HS-10B** PTT SWITCH BOX
Manual TX/RX switch for the HS-10 HEADSET.

- HM-46L** SPEAKER-MICROPHONE
Combination speaker and microphone.
- UT-40** TONE SQUELCH UNIT
Tone squelch and pocket beep unit.

CARRYING CASES

TRANSCEIVERS	IC-4GA	IC-4GAT
BATTERY PACKS		
IC-BP2	LC-35	LC-38
IC-BP3	LC-35	LC-38
IC-BP4	LC-35	LC-38
IC-BP5	LC-36	LC-39
IC-BP5A	LC-37	LC-40
IC-BP7	LC-37	LC-40
IC-BP8	LC-37	LC-40
BP-70	LC-36	LC-39

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